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NINE!

FCC IWG-***NINE!***
WRC-99

Meeting Notice and Draft Agenda

The first meeting of FCC's informal working group ***NINE!*** on Regulatory/Procedural Matters will convene at 9:30 a.m., Thursday, March 5th in Room 847, 2000 M Street, NW, Washington, DC.

The draft agenda:

1. Approval of agenda
2. Introductions
3. Remarks by Chair
4. IWG-9's view on issues
 - Back-to-back IWG-9/SCRPM meetings
 - Conference postponement
5. IWG assignments
 - WAC/009 (10.02.98) on <http://www.fcc.gov/ib/wrc99/>
6. CPM99 report outline
7. Other business

Mark your calendars. Subsequent meetings of ***NINE!*** are:

4/2	5/7	6/4	7/2	8/6
9/3	10/1	11/5	12/3	1/7/99

at 9:30 a.m., above room.

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- For reasons of economy, these documents are printed in a limited number of copies. Participants are therefore kindly asked to bring their copies to the meeting since no others can be made available.

WRC-99 Agenda Cross-Reference

Agenda No.	Topic	ITU-R Study Group	FCC WRC-99 A.C. IWG
1	Take account of WRC-97 and consider the following:		
1.1	Remove Country Footnotes and Names (Art. S5); Res. 26 (Rev. WRC-97)	No Action	9
1.2	Finalize Space Service Spurious Emissions in Appendix S3; (Rec. 66 (Rev. WRC-97))	TG 1/5	9
1.3	Consider ITU-R Studies With Regard to Appendix S7 to decide a methodology to determine an earth station coordination area between earth stations and terrestrial services	TG 1/6 SG 3,4,7,8,9,10 & 11	9
1.4	Consider the allocation and regulatory issues relating to:		
1.4	Use of 31.8-33.4 GHz for High-Density operations in the fixed service (WRC-97 COM5-11);	JRG 7D-9D	8
1.4	Technical characteristic identification and sharing criteria for high-density operations in the fixed-service in the bands 31.8-33.4 GHz; 51.4-52.6 GHz; 55.78-59 GHz; and 64-66 GHz (WRC-97 COM5-12);	JRG 7D-9D SG 3 & 4	8
1.4	Use of the band 41.5-42.5 GHz by the FSS (space-to-Earth) and protecting Radio Astronomy (WRC-97 COM5-16);	WP 7D SG1, 3 & 4	7
1.4	Sharing between FSS and other allocated services in the band 40.5-42.5 GHz (WRC-97 COM5-17);	SG4; SG 9,10 and JWP 10-11S	7
1.4	(WRC-97 COM5-29) Use of the band 40.5-42.5 GHz by the FSS; resolution does not call for specific SG action;	---	7
1.4	Verification of PFD limits in Article S21 to determine whether they protect adequately terrestrial services from FSS networks in the band 37-40 GHz (WRC-97 COM5-28).		7
1.5	Matters related to high altitude radio-relay platforms (stratospheric stations); COM5 -7(WRC-97);	WP 4-9S & WP 9B JWP 10-11S, SG 3 SG1,3,4,7 & 8	7
1.6	IMT-2000:	TG 8/1 SG 7 & SG 9	1
1.6.1	review of spectrum and regulatory issues in the context of IMT-2000;		1
1.6.2	identifying a global radio control channel to facilitate worldwide roaming of IMT-2000.		1
1.7	Use of the HF bands by the aeronautical mobile (R) and maritime-mobile services (WRC-97 COM4-9). communications;	No studies.	5

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1.8	regulatory and technical provisions to operate ship-borne earth stations in the fixed-satellite service networks in the bands 3700 - 4200 MHz and 5925 - 6425 MHz;	4-9S	8
1.9	take into account the results of ITU-R studies in evaluating the feasibility of MSS within the 1559 - 1567 MHz frequency range (Res. COM5-31 and WRC-97 Res. COM5-31);	WP 8D SG 3, SG 7	3
1.10	Use of the bands 1525 - 1559 MHz and 1626.5 - 1660.5 MHz by the mobile-satellite service; Res. COM5-24 (WRC-97);	WP 8D SG7	3
1.11	to consider constraints on existing allocations and additional allocations for NGSO/MSS below 1 GHz, taking into account Resolutions 214 (Rev. WRC-97) and WRC-97 COM5-25 ;	WP 8D, WP 7D SG 11, SG 1,3,8&9	2
1.12	sharing between NGSO MSS feeder links and GSO networks in the fixed-satellite service in the bands 19.3 - 19.7 GHz and 29.1 - 29.5 GHz taking into account Resolution 121 (Rev. WRC-97) ;	WP4A SG 3, 7&8	3
1.13	on the basis of the results of the studies in accordance with Resolutions COM5-18, COM5-19 and COM5-23 (WRC-97):	JRG 4-9-11, WP 4-9S SG 7,8 & 9	4
1.13.1	review of power limits appearing in Articles S21 and S22 in relation to the sharing conditions among NGSO FSS, GSO FSS, GSO BSS, space sciences and terrestrial services, to ensure the feasibility of these power limits and that these limits do not impose undue constraints on the development of these systems and services;		4
1.13.2	consider the inclusion in other frequency bands of similar limits in Articles S21 and S22 , or other regulatory approaches to be applied in relation to sharing situations;		4
1.14	implementing non-GSO MSS feeder links in the 15.43 - 15.63 GHz in accordance with Resolution COM5-8 ;	WP4A SG 7 & 8	3
1.15	issues related to the radionavigation-satellite service	WP 8D SG 4, 7 & 9	
1.15.1	new allocations to the radionavigation-satellite service to support developments in the 1 to 6 GHz range;		5
1.15.2	addition of the space-to-space direction to the radionavigation-satellite service in the 1215 - 1260 MHz and 1559 - 1610 MHz frequency bands;		5
1.15.3	status of allocations to services other than the radionavigation-satellite (RRS5.355 and S5.359) in the 1559 - 1610 MHz band;		5

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1.16	to consider allocation of frequency bands above 71 GHz to the earth exploration-satellite (passive) and radio astronomy services, taking into account Res. COM5-1 (WRC-97);	WP 7D SG 3 & 9	5
1.17	to consider possible worldwide allocation for the earth exploration-satellite (passive) and space research (passive) services in the band 18.6- 18.8 GHz;	WP 7D SG 4 & 9	5
1.18	new digital technology for the maritime-mobile service in the band 156- 174 MHz and consequential revision of Appendix S18 [18] taking into account Resolution COM4-3;	WP 8B	5
1.19	to consider the report of the IRG submitted by the Director of the Radiocommunication Bureau in accordance with Resolution PLEN-3¹ and determine whether to initiate replanning for completion by a subsequent competent conference;	JWP 10-11S	6
1.20	to consider the issues related to the application of Nos. S9.8, S9.9 and S9.19 and the corresponding parts of Appendix S5 with respect to Appendices S30 and S30A , with a view to possible deletion of Articles 6 and 7 of Appendices S30 and S30A , also taking into consideration Recommendation 35 (WRC-95) ;	SCRPM	6
1.21	consider report from the Radiocommunication Bureau on results of the analysis in accordance with Resolution COM4-20 and take appropriate actions;	BR	6

¹ Review and possible revision of the 1997 BSS Plans for Regions 1 and 3

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2	to examine the revised ITUR Recommendations incorporated by reference in the Radio Regulations which have been communicated by the associated Radiocommunication Assembly, in accordance with Resolution 28 (WRC-95) ; and decide whether or not to update the corresponding references in the Radio Regulations, in accordance with principles contained in the Annex to Resolution 27 (Rev.WRC-97) ;	BR	9
3	to consider such consequential changes and amendments to the Radio Regulations as may be necessitated by the decisions of the Conference;		ALL
4	in accordance with Resolution GTPLEN1-1 , to review the Resolutions and Recommendations of the previous Conferences with a view to their possible revision, replacement or abrogation;	BR	9
5	to review, and take appropriate action on, the report from the Radiocommunication Assembly submitted in accordance with Nos. 135 and 136 of the Convention (Geneva, 1992);		9
6	to identify those items requiring urgent actions by the Radiocommunication Study Groups in preparation for the 2001 World Radiocommunication Conference (WRC-01);		----
7	in accordance with Article 7 of the Convention (Geneva, 1992):		
7.1	to consider and approve the report of the Director of the Radiocommunication Bureau on the activities of the Radiocommunication Sector since the last Conference;		ALL
7.2	to recommend to the Council items for inclusion in the agenda for the WRC-01, and to give its views on the preliminary agenda for the 2003 Conference and on possible agenda items for future conferences,		----
<u>8</u>	to recommend to the Council to provide extra budgetary and conference resources so that the following items can be included in this agenda for WRC-99:		
8.1	to consider the regulatory and technical provisions for the quasi-geostationary satellite networks;	WP 4A SG 7, WP 4-9S, JWP 10-11S	8
8.2	spectrum requirements for telemetry, tracking, and control of fixed-satellite service networks operating with service links in the frequency bands above 17GHz;	WP 4A	8
8.3	to review the use of the frequency band 415-526.5 kHz by the aeronautical radionavigation and maritime-mobile services;	WP 8B	5
8.4	to review the use of the HF bands by the aeronautical mobile (R) and maritime-mobile services to meet the changing needs of these services;	WP 8B	5

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8.5	extension of the allocation to the mobile satellite service on a secondary basis in the 14.0- 14.5 GHz band to cover aeronautical applications; Res. COM5-2 (WRC-97) ;	WP 8D SG 4, 7 & 9	3
8.6	providing up to 3 MHz of frequency spectrum for the implementation of telecommand links in the space research and space operation services in the frequency range between 100 MHz and 1 GHz, taking	WP 7D SG 8, 9 10 & 11	5
8.7	providing up to 6 MHz of frequency spectrum to the earth exploration-satellite service (active) in the frequency band 420 - 470 MHz in accordance with Resolution COM5-13 ;	WP 7D SG 8	5
8.8	to consider changes to the allocations in Region 3 for the band 1 350 - 1 400 MHz to permit co-primary use by the fixed service;	WP 9D SG 8	8

CPM-99 Report outline

Chapter	Section	Topic ¹	Resolutions	Agenda item
1		Mobile and radionavigation services		
	1.1	IMT-2000	212	1.6
	1.2	Use of HF bands by aeronautical and maritime mobile services	346 (COM4-9)	1.7
	1.3	Digital technology in the 156 - 174 MHz band for maritime mobile service	342 (COM4-3)	1.18
	1.4	Use of the 415 - 526.5 kHz band		8.3
	1.5	Use of HF band by mobile services for changing needs		8.4
2		Mobile-satellite and radionavigation-satellite services		
	2.1	Use of the band 1 500 - 1 700 MHz by the MSS (Generic Allocation)	218 (COM5-24)	1.10
	2.2	Use of the bands 1 559- 1 567 MHz and 1 675 - 1 710 MHz by the MSS	213 220 (COM5-31)	1.9
	2.3	Constraints on existing allocations and additional allocations for non-GSO MSS below 1 GHz	214 (Rev. WRC-97) 219 (COM5-25)	1.11
	2.4	Issues concerning the radionavigation-satellite service		1.15
	2.4.1	New allocations for radionavigation satellite from 1 - 6 GHz		1.15.1
	2.4.2	Addition of space-to-space direction finding radionavigation satellite in the bands 1 215 - 1 260 MHz and 1 559 - 1 610 MHz		1.15.2
	2.4.3	Status of allocations to services other than RNSS in 1 559 - 1 610 MHz		1.15.3
	2.5	Mobile satellite (secondary) in 14.0- 14.5 GHz to cover aeronautical	216 (COM5-2)	8.5

¹ The wording under different topics is abbreviated. It is not the intention to change the relevant agenda items.

3		Non-GSO FSS issues		
	3.1	review and, if appropriate, revise the power limits appearing in Articles S21 and S22 in relation to the sharing conditions among non-GSO FSS, GSO FSS, GSO BSS, space sciences and terrestrial services, to ensure the feasibility of these power limits and that these limits do not impose undue constraints on the development of these systems and services	130 (COM5-18) 538 (COM5-19) 131 (COM5-23)	1.13.1
	3.2	consider the inclusion of limits similar to those in Articles S21 and S22 in other frequency bands, or other regulatory approaches to be applied in relation to sharing situations	130 (COM5-18)	1.13.2
4		Space science services and radio astronomy		
	4.1	Passive allocations above 71 GHz	723 (COM5-1)	1.16
	4.2	Passive allocations at the band 18.6 - 18.8 GHz		1.17
	4.3	Possible allocations up to 3 MHz for telecommand between 100 MHz and 1000 MHz	723 (COM5-1)	8.6
	4.4	Possible allocations up to 6 MHz to EESS between 420 and 470 MHz	727 (COM5-13)	8.7
5		Appendices S30 and S30A		
	5.1	Progress report from the Director	53 (COM4-20)	1.21
	5.2	to consider the issues related to the application of Nos. S9.8 , S9.9 and S9.17 and the corresponding parts of Appendix S5 with respect to Appendices S30 and S30A , with a view to possible deletion of Articles 6 and 7 of Appendices S30 and S30A , also taking into consideration Recommendation 35 (WRC-95)	Rec. 35 (WRC-95)	1.20
	5.3	Progress report on ITUR studies	532 (PLEN-3)	1.19

6		Fixed and fixed-satellite services		
	6.1	High density service in the fixed 31.8 - 33.4 GHz band High density service fixed above 30 GHz availability FSS in the 41.5 - 42.5 GHz band and protection of RAS Criteria and sharing methods FSS in the 40.5 - 42.5 GHz band. Sharing between the FS and other services in the band 37 - 40 GHz. Use of the 40.5 - 42.5 GHz band by FSS	126 (COM5-11) 726 (COM5-12) 128 (COM5-16) 129 (COM5-17) 133 (COM5-28) 134 (COM5-29)	1.4
	6.2	High altitude platform stations	122 (COM5-7)	1.5
	6.3	Quasi-geostationary-satellite networks		8.1
	6.4	FSS networks TT&C requirements		8.2
	6.5	Changes in R3 for 1 350 - 1 400 MHz to permit FS		8.8
	6.6	Earth stations located on board of vessels in the bands 3 700 - 4 200 MHz and 5 925 - 6 425 MHz		1.8
	6.7	Sharing between feeder links of non-GSO MSS and GSO FSS in the bands 19.3- 19.7 GHz and 29.1 - 29.5 GHz	121 (Rev. WRC-97)	1.12
	6.8	Feasibility of non-GSO MSS feeder links in the bands 15.43 - 15.63 GHz	123 (COM5-8)	1.14
7		Other matters		
	7.1	Finalize review of Appendix S3	Rec. 66 (Rev. WRC-97)	1.2
	7.2	ITU-R study results of App. S7 [28]		1.3
	7.3	Incorporation by reference	Res.27, 28	2